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		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
APPLICATION NO.	FILING DATE			4170	
09/388,567	09/02/1999	HOWARD E. RHODES	303.593US1	4170	
7590 04/22/2002 SCHWEGMAN, LUNDBERG,WOESSNER & KLUTH ATTEN: DANNY J. PADYS			EXAMINER		
			MITCHELL, JAMES M		
P.O. BOX 2938 MINNEAPOLI	8 IS, MN 55402		ART UNIT	PAPER NUMBER	
			2827		
	DATE MAILED: 04/22/2002				

Please find below and/or attached an Office communication concerning this application or proceeding.

					M			
•		Application No).	Applicant(s)				
. Office Action Summary		09/388,567		RHODES, HOWARD E.				
		Examiner		Art Unit				
		James Mitchel		2827				
	- The MAILING DATE of this communication ap			correspondence ac	ddress			
Period for	r Reply							
THE N - Exten after S - If the - If NO - Failur	DRTENED STATUTORY PERIOD FOR REPLIANTING DATE OF THIS COMMUNICATION. Sions of time may be available under the provisions of 37 CFR 1.8IX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a reperiod for reply is specified above, the maximum statutory period to reply within the set or extended period for reply will, by staturely received by the Office later than three months after the mailing patent term adjustment. See 37 CFR 1.704(b).	136(a). In no event, he ply within the statutory i d will apply and will expi	owever, may a reply be ti minimum of thirty (30) da re SIX (6) MONTHS from n to become ABANDON	mely filed ys will be considered time n the mailing date of this (ED (35 U.S.C. § 133).	ely. communication.			
1)🖾	Responsive to communication(s) filed on 29	January 2002 .						
2a)□	11110 0001011 10 1 11 11	This action is nor						
3)	Since this application is in condition for allow closed in accordance with the practice under	wance except for er <i>Ex parte Quay</i>	formal matters, ple, 1935 C.D. 11,	prosecution as to t 453 O.G. 213.	he merits is			
	on of Claims	t di saliant	:					
4) 🖾	Claim(s) <u>1-17,23-60 and 69-80</u> is/are pendir	ng in the applicat	JON.					
	4a) Of the above claim(s) is/are withdr	rawn from consid	ieration.					
	Claim(s) is/are allowed.							
1	6) Claim(s) is/are rejected.							
7)	Claim(s) is/are objected to.		les election requir	oment				
	Claim(s) <u>1-17,23-60 and 69-80</u> are subject to	o resuriction and/	or election requir	Ciliciit.				
	ion Papers The specification is objected to by the Exami	iner.						
9)□	The specification is objected to by the Examing. The drawing(s) filed on is/are: a) acceptable.	cepted or b) ob	jected to by the Ex	caminer.				
10)	Applicant may not request that any objection to	the drawing(s) be	held in abeyance.	See 37 CFR 1.85(a	ı).			
111	The proposed drawing correction filed on	is: a)	oved b) disapp	proved by the Exam	niner.			
''/	If approved, corrected drawings are required in	reply to this Office	e action.					
12)	The oath or declaration is objected to by the							
Priority	under 35 U.S.C. §§ 119 and 120							
13)	Acknowledgment is made of a claim for fore	eign priority unde	er 35 U.S.C. § 119	9(a)-(d) or (f).				
L)							
	1. Certified copies of the priority docume	ents have been	received.					
	2. Certified copies of the priority docume	ents have been	received in Applic	ation No				
*	3. Copies of the certified copies of the papplication from the International See the attached detailed Office action for a	oriority document	ts have been rece ule 17.2(a)).	eived in this Natior	nal Stage			
14)	Acknowledgment is made of a claim for dom	estic priority und	er 35 U.S.C. § 11	9(e) (to a provisio	nal application).			
l l	a) The translation of the foreign language Acknowledgment is made of a claim for dom	provisional appl	ication has been	received.				
Attachm								
1) No	tice of References Cited (PTO-892) tice of Draftsperson's Patent Drawing Review (PTO-948) ormation Disclosure Statement(s) (PTO-1449) Paper No	5)	I) Interview Sumi 5) Notice of Inform 6) Other:	mary (PTO-413) Papel nal Patent Application	r No(s) (PTO-152)			

Application/Control Number: 09/388,567

Art Unit: 2827

DETAILED ACTION

Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-17 and 23-60, drawn to an interconnect structure, classified in class 257, subclass 750.
- II. Claims 69-80, drawn to a computer system, classified in class 257, subclass 499.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)).

In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because claims to both the subcombination and combination are presented and assumed to be patentable, the omission of details of the claimed subcombination in the combination is evidence that the patentability of the combination does not rely on the details of the specific subcombination. The subcombination has separate utility such as being used for an interconnect other than a computer system.

Application/Control Number: 09/388,567

Art Unit: 2827

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Mitchell whose telephone number is (703) 305-0244. The examiner can normally be reached on M-F 10:30-8:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Talbott can be reached on (703) 305-9883. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-3432 for regular communications and (703) 305-3230 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

April 19, 2002

DAVID E. GRAYBILL PRIMARY EXAMINER